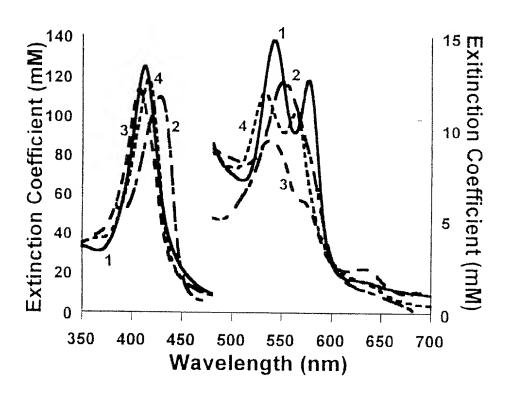
Docket/App No.: 1818.1026-006

Jonathan S. Stamler et al.

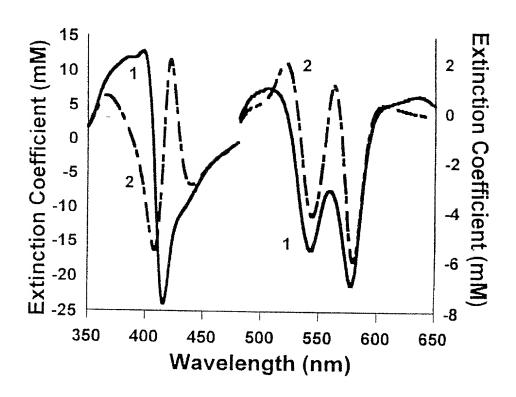
1/35

FIG. 1A



South of Affine Good Chair, of Boy, H. B.

FIG. 1B



3/35

FIG. 1C

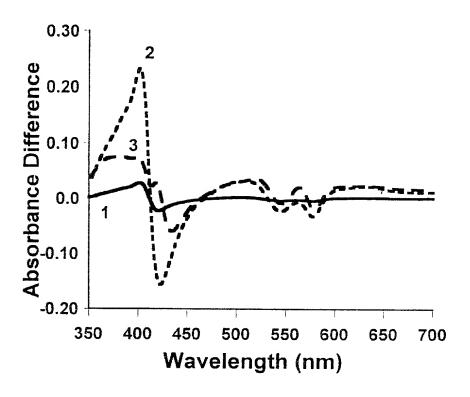
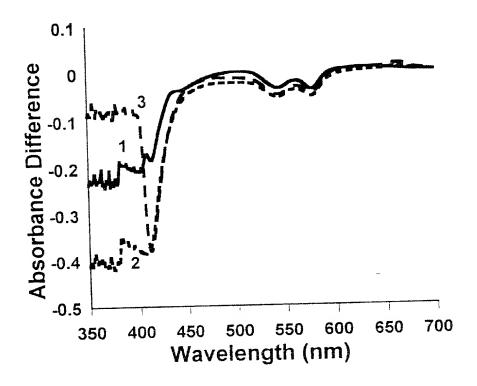
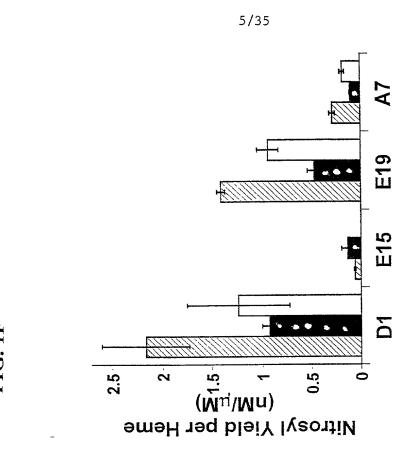
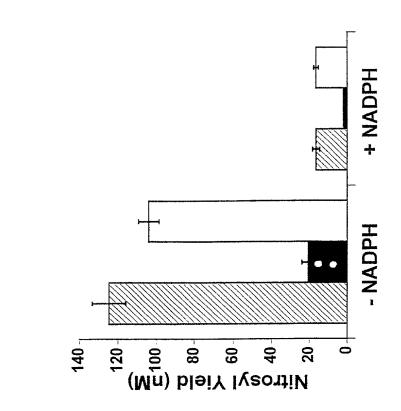


FIG. 1D







6/35

FIG. 2A

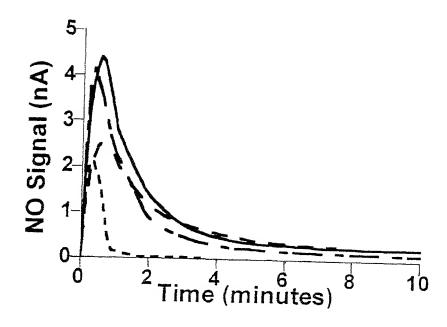


FIG. 2B

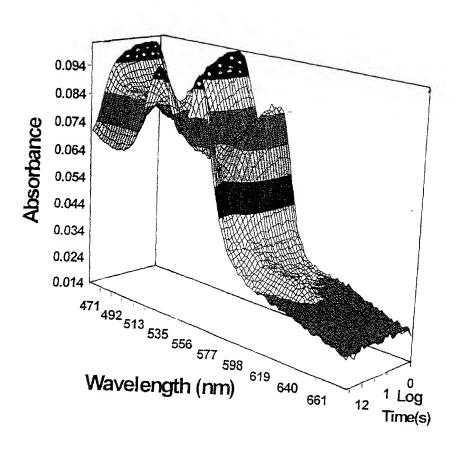


FIG. 2C

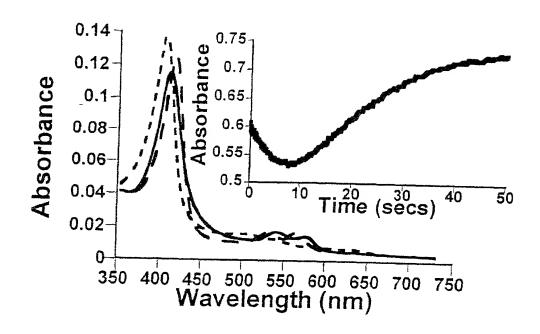


FIG. 2D

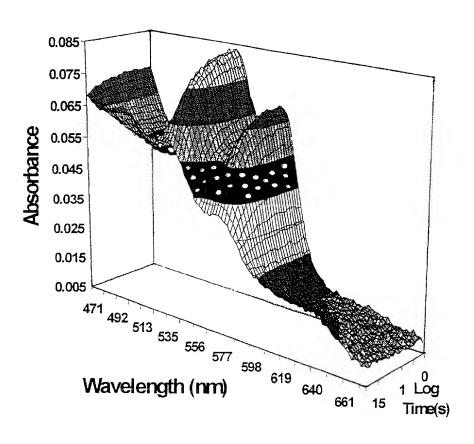


FIG. 2E

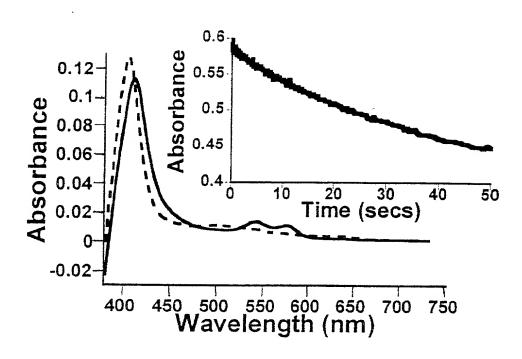


FIG. 2F

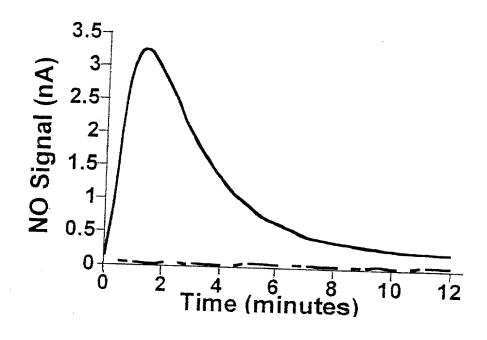


FIG. 3A

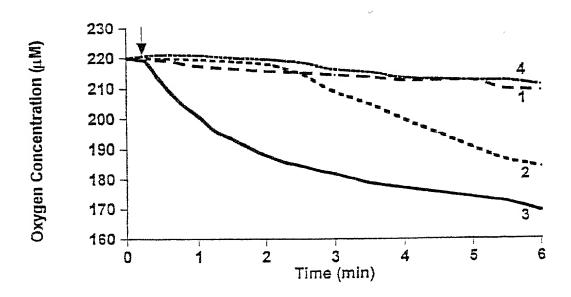
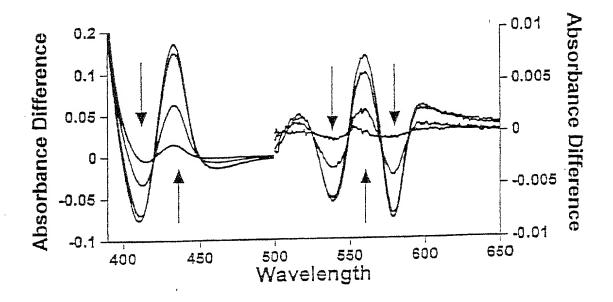


FIG. 3B



12/35

	Enzymatic detoxification of NO	NO-mediated enzymatic consumption of O ₂ (use of distal thiol)	NO-mediated control of O_2 delivery (use of proximal thiol)
Ancestral Hemoproteins	Bacterial Flavohemoglobins	Ascaris Hemoglobin	Mammalian Hemoglobin
	1800 Myr	1500 Myr	450 Myr

FIG.



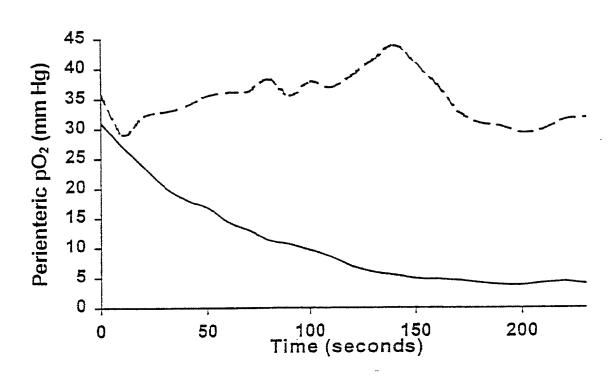
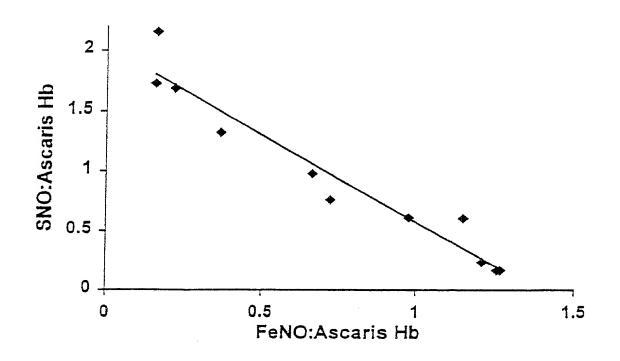


FIG. 5B

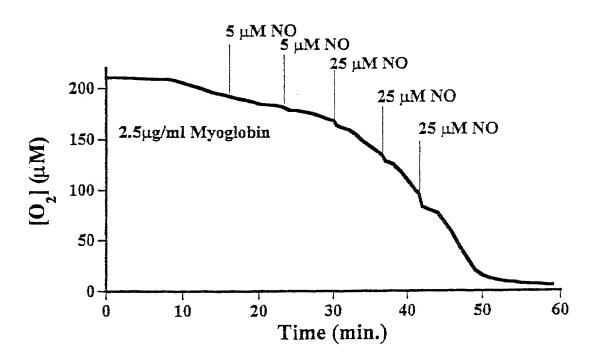


Jonathan S. Stamler et al.

Inventors:

14/35

FIG. 6



Sunt of affine that them of fine I is W. H. D. Sange H. M. H. H. Honel

FIG. 7A

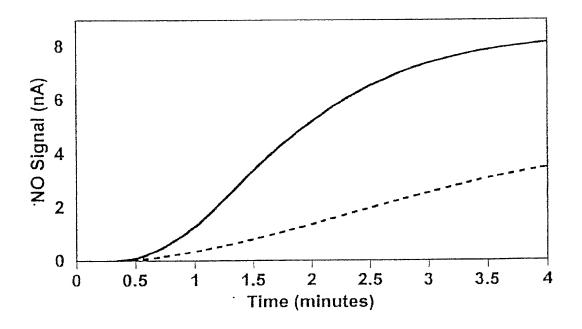
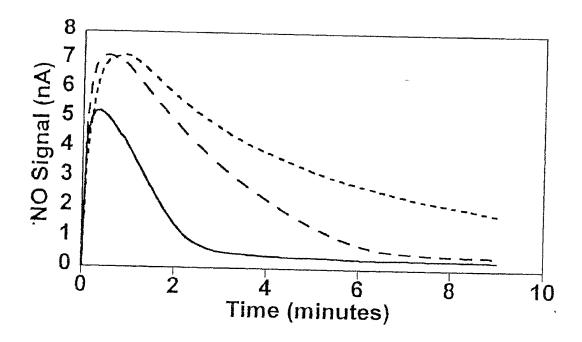
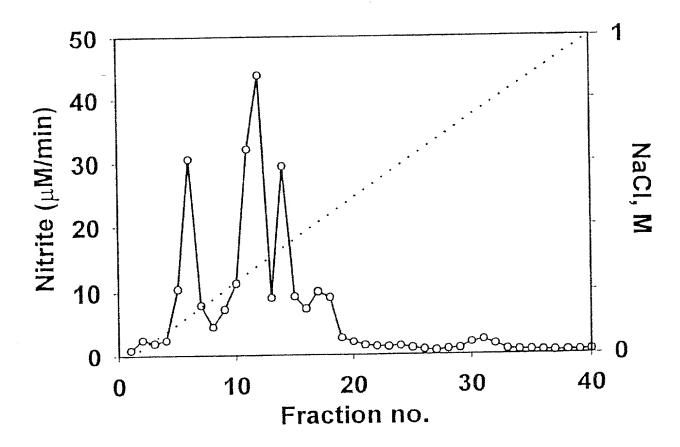


FIG. 7B



17/35





18/35



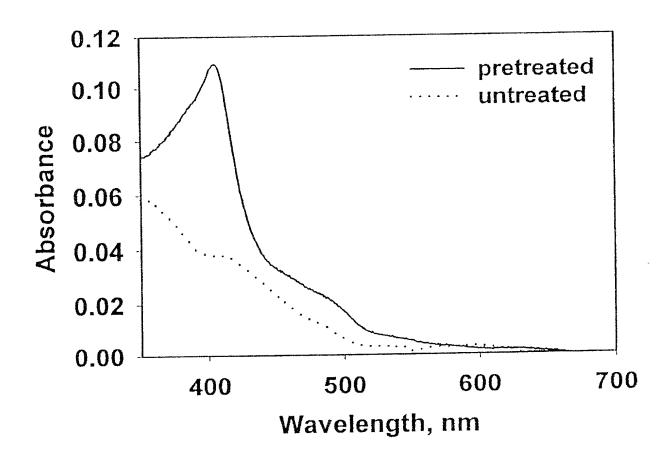


FIG. 8A

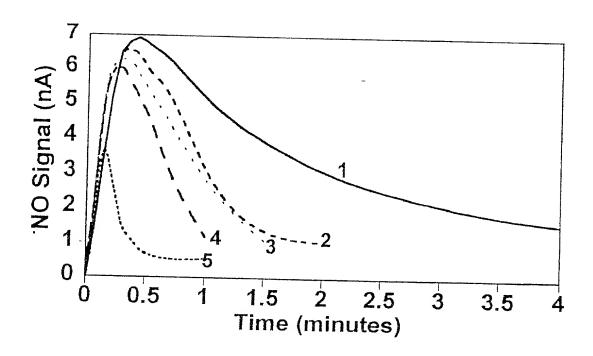


FIG. 8B

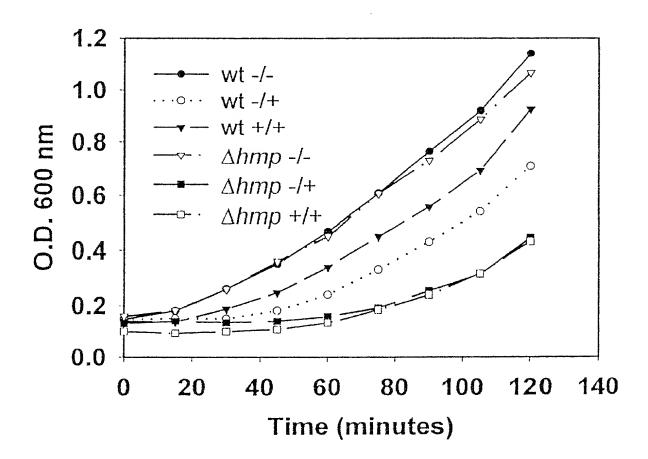


FIG. 9A

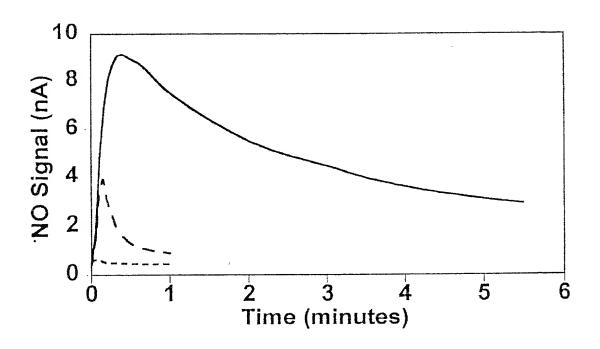
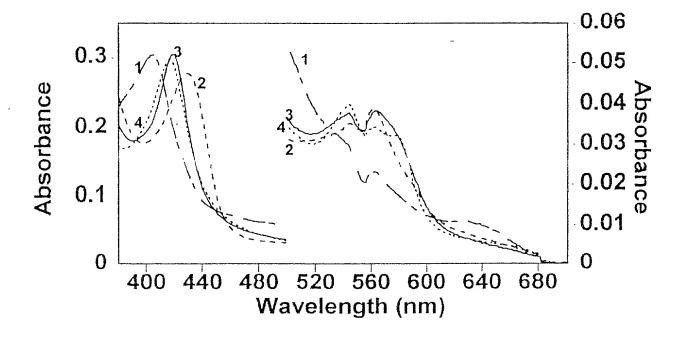
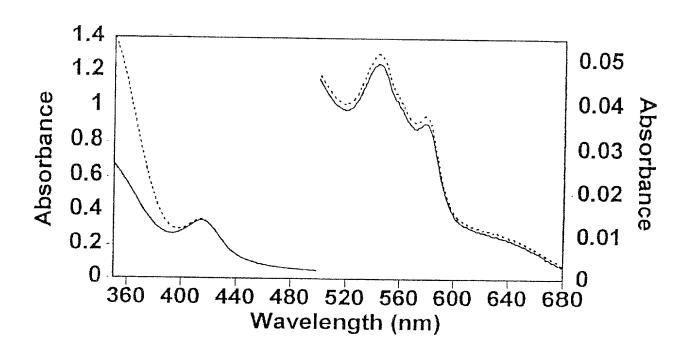


FIG. 9B



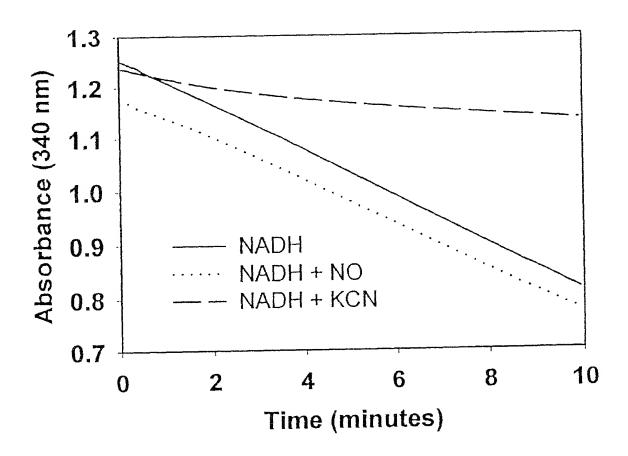
23/35

FIG. 9C



24/35

FIG. 9D



25/35

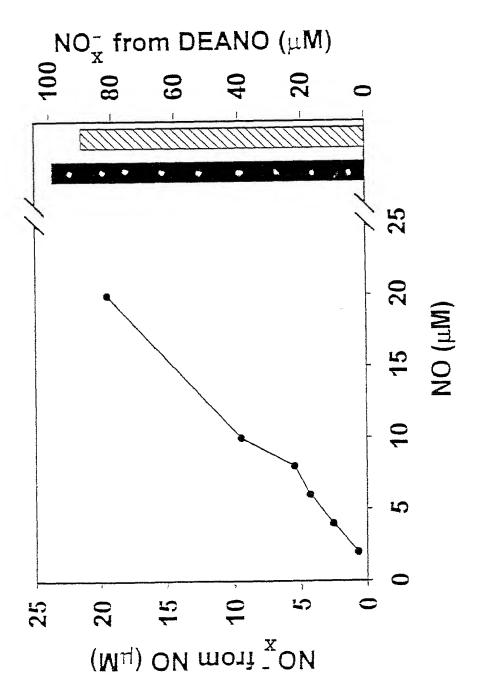


FIG. 9F

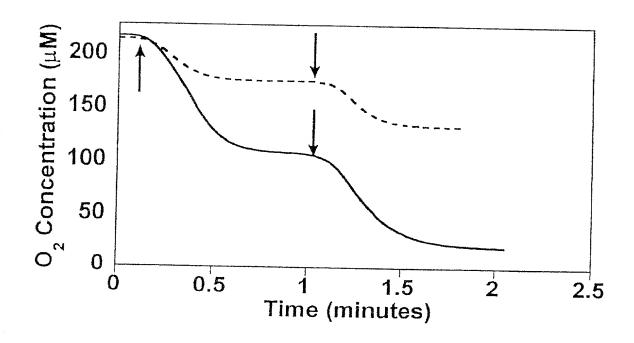


FIG. 10A

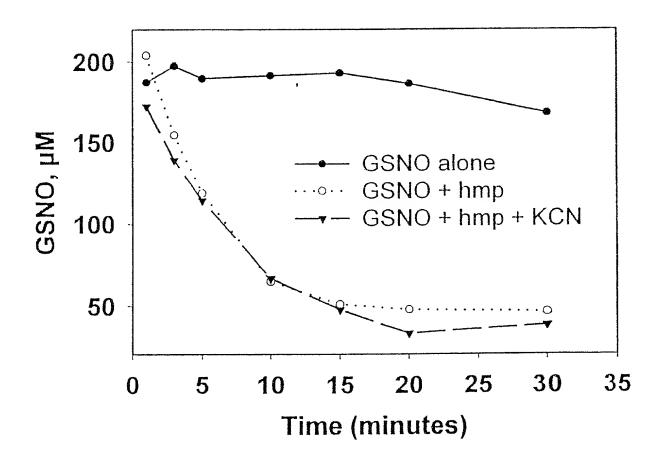


FIG. 10B

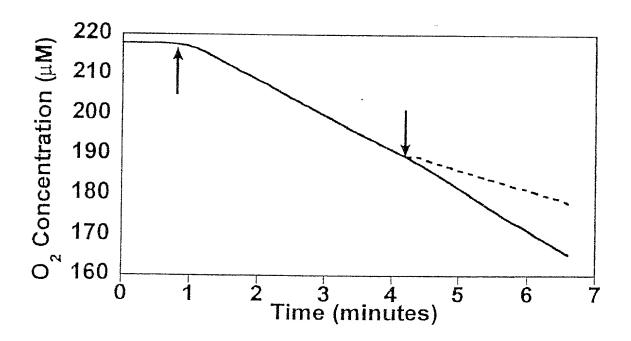
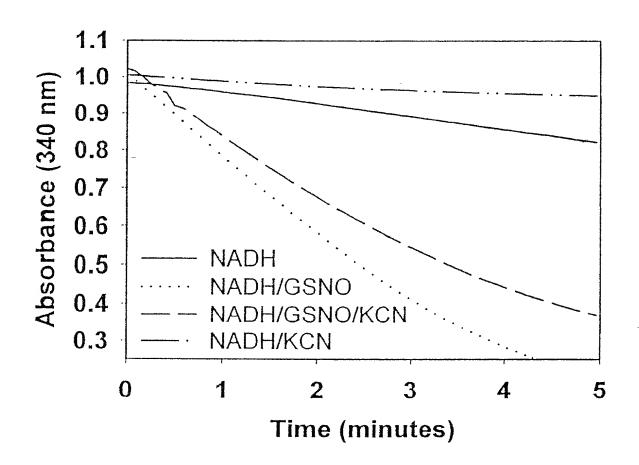
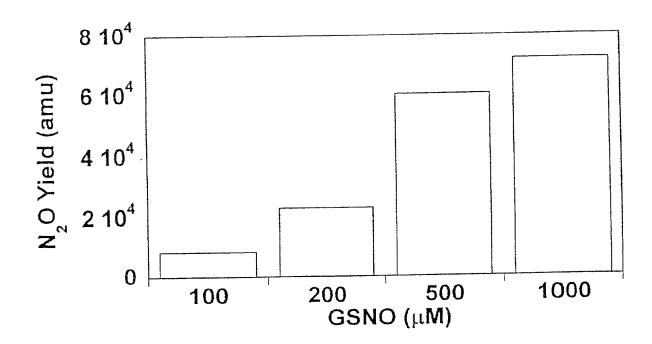


FIG. 10C

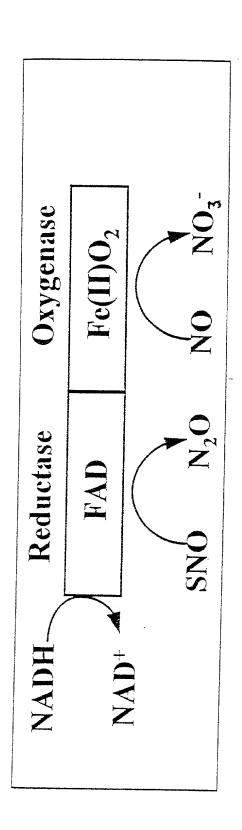


30/35

FIG. 10D



31/35



32/35

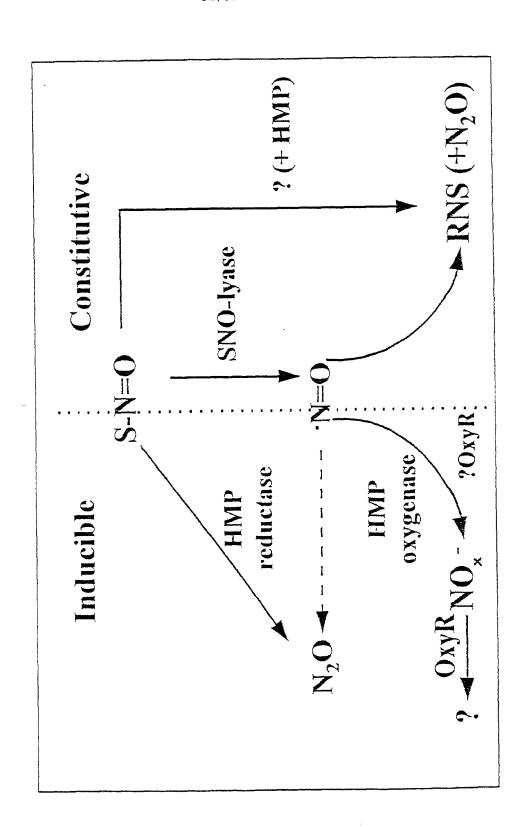


FIG. 11

33/35

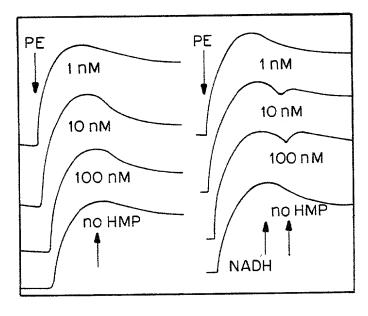


FIG. 12A

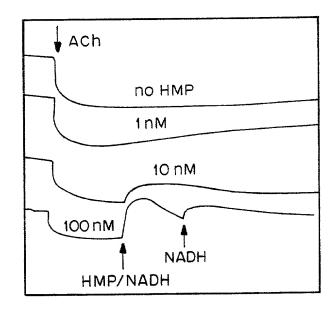


FIG. 12B

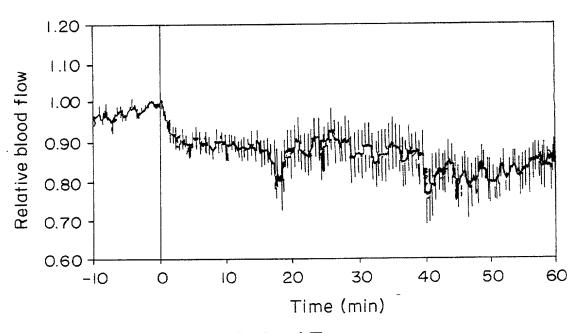


FIG. 13

35/35

